

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F110724AL\  
 Data File : FC067656.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Nov 2024 12:46  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Nov 07 13:50:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.492 | 2947302    | 20.086 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.17%       |
| 12) S 1-chlorooctadecane (S... | 12.930 | 2201244    | 20.384 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.271  | 2732244    | 20.281 ug/ml |
| 2) T n-Decane (C10)            | 4.335  | 2772815    | 20.352 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.913  | 3027132    | 20.428 ug/ml |
| 4) T n-Dodecane (C12)          | 6.350  | 2767521    | 20.433 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.967  | 2891797    | 20.477 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.142  | 2689290    | 20.488 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.740  | 2712097    | 20.530 ug/ml |
| 8) T n-Octadecane (C18)        | 11.180 | 2701589    | 20.449 ug/ml |
| 10) T n-Eicosane (C20)         | 12.488 | 2566059    | 20.337 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.099 | 2513143    | 20.363 ug/ml |
| 13) T n-Docosane (C22)         | 13.684 | 2488341    | 20.321 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.784 | 2460994    | 20.304 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.805 | 2418230    | 20.312 ug/ml |
| 16) T n-Octacosane (C28)       | 16.752 | 2389801    | 20.313 ug/ml |
| 17) T n-Tricontane (C30)       | 17.639 | 2443003    | 20.212 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.469 | 2381475    | 20.127 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.251 | 2134102    | 20.378 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 1866187    | 20.501 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.713 | 1808747    | 20.886 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.596 | 1737689    | 20.441 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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